

M.V. Arklow Spirit

Port of Registry	Arklow	Yard	Daesun Shipbuilding & Engineering
Call Sign	EIOF4	Year of Build	2013
Sat Phone	+870 7732 40339	Class	Bureau Veritas (BV)
Email	aspirit@arkship.ie	Class Notation	I, *Hull *Mach, Unrestricted navigation, Bulk Carrier CSR CPS (WBT), BC-A (Holds 2+4 may be empty, ESP, Grab (20), *AUT-UMS, MON-SHAFT, ALP, INWATER SURVEY, CLEANSHIP
Inmarsat-C (Telex)	+581 425000360 +581 425000361	Owner/Managers P & I Club	Arklow Shipping, North Quay, Arklow, County Wicklow North of England P & I
GSM telephone	+353 87 1388563	Class No.	21949K
		Official No.	404744
		IMO No.	9649536
		MMSI No.	250002887



Principal Particulars

Length OA	182.00m
Length BP	177.52m
Breadth Mld	30.00m
Depth Mld	14.60m
Summer Load Draft Mld	10.00m
Summer Displacement	43,500t
Summer Deadweight	34,905t
Tropical Load Draft Mld	10.208m
Tropical Deadweight	36,005t
Winter Load Draft	9.798m
Winter Deadweight	33,905t
TPC at Summer Load Draft	49.4t
GT	22,868 t
NT	11,648t

At max. ballast draft of	
Min. air draft	36.7m
min. coaming ht above waterline	10.7m
Ballast excl. #3 Hold	13,425t
Ballast incl. #3 Hold	23374t
Ballast Rate per Pump (x 2)	800m ³ /hr
Fuel (90%)	1140t
Diesel (90%)	170t
Fresh Water	230t

Hold Capacities

	Grain		Bale	
	m ³	ft ³	m ³	ft ³
No. 1 hold	7587.3	267930.3	7103.1	250831.8
No. 2 hold	10056.3	355118.1	9648.47	340716.4
No. 3 hold	9706.7	342772.6	9334.8	329639.8
No. 4 hold	10070.7	355626.6	9661.4	341173.0
No. 5 hold	9529.9	336529.4	9209.7	325222.1
Total	46951.0	1657980.6	44957.5	1587584.2

Panama Canal Tonnage	19,054 NT
Suez Canal Tonnage	23,405 GT 20,130 NT

Cranes

4 x 30t MacGregor Electric

Hatches:-

MacGregor folding type

Hatch Dimensions

Hatch 1: 15.2m x 14.8m, Hatches 2-5: 20.0m x 20.4m

All holds are Appendix B fitted
Mechanical ventilation – 6 changes/hr
Maximum loading on tank top

25t/m²

Main Engine:

MAN B&W 5S50ME-B9.2 (Tier II)
MCR 6050 kW @ 99 RPM

Auxiliaries:

3 x Hyundai Himsen 645 kW

Speed & Consumption Ballast

abt 11.0kts on abt 15t IFO 380
abt 12.5kts on abt 18t IFO 380
abt 14.0kts on abt 23t IFO 380

Speed & Consumption Laden

abt 11.0kts on abt 17t IFO 380
abt 12.5kts on abt 19t IFO 380
abt 14.0kts on abt 24t IFO 380

Please read above as MDO in SECA Area In Port

In port idle 2.5t MDO/IFO
In port with cranes 4.0t MDO/IFO

Vessel is fitted with a MEWIS Duct

CO2 Fire Suppression in Cargo Holds
Australian Ladders Fitted
Ballast Water Treatment System

ARKLOW SPIRIT

LOA	182.000m
Breath Mid	30.000m
Depth Mid	14.600m
Summer Load Draft Mid	10.000m
Displacement	43,750t
Deadweight	34,905t
GT	22,868t
NT	11,648t

